DS-3WF01C-2N Wireless Elevator Bridge

Features and Functions

- High performance 802.11n 2×2 MIMO chip
- Four operating modes: Access Point, Client, Access Point (WDS), Client (WDS)
- Integrated XTrans technology, including TDMA, intelligent rate control, Auto ACK Time-out adjust
- TDMA solves the problems of hidden-node problem in the 802.11 network, thus having better long-distance and PTMP performance
- Point-to-point, point-to-multipoint connection
- Unique antenna, RF amplifier, and low noise receiver to ensure long-distance video transmission
- Web based working scenario selection makes the installation and setting much easier
- Multi-network interface design, more conducive to the expansion of a variety of applications
- Web-based configuration, easy to use
- High temperature and flame resistant housing ensure stable operation in harsh environments
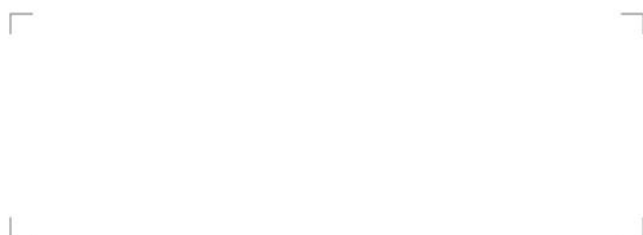
Specifications

Items		Specifications
Wireless	**Standard**	IEEE802.11 b/g/n(2T2R 300Mbps)
	Operation frequency	2412 to 2472 MHz(More Non-standard channels is availability,2312MHz to 2732MHz)
	Antenna	Internal, 6dBi, H: 65° V: 60°
	Max output power	27dBm
	Receive sensitivity	-72dBm@65Mbps, -97dBm@1Mbps
	Max transmission rate	11n: 300Mbps(HT40)/130Mbps(HT20) 11g: 54Mbps
Hardware	**Power supply**	48V/0.25A PoE or 12 VDC
	Interface	3×10/100M Base-TX (Cat. 5/5E, RJ-45) ports
	Operation temperature	-30℃ to +65℃(-22℉ to +149℉)
	Storage temperature	-40℃ to +85℃(-40℉ to +185℉)
	Operation humidity	5% to 95%RH non-condensing
	Dimensions	150×150×31.6 mm (5.9×5.9×1.24 inch)
Software	**Application scenarios**	Elevator Room/IP Camera
	Encryption	WPA-PSK/WPA2-PSK
	Network mode	Router/Bridge
	Security	IP/MAC filter, SSID hidden, Interface Isolation
	Network protocol	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
	TDMA	Supported (Extend private communication protocol)
	Auto ACK timing adjust	Supported (It can automatically detect the distances of the devices, keep the performance always the best)
	Management and Logs	NTP, Syslog, Telnet, AC
	Web based configuration	Supported
	Firmware update	Support update firmware by Web page
	Bandwidth	20M/40MHz

Physical Interfaces

Index	Description	Index	Description
1	LAN1: Connect to camera, information distribution screen and other equipment	4	12 VDC power supply port
2	LAN2: Connect to camera, information distribution screen and other equipment	5	Reset Button: Restore default factory settings
3	Signal strength indicator	6	PoE: PoE port connection with PoE power supply

Distributed by

Available Model

DS-3WF01C-2N